

IN THE CLAIMS:

Please amend the claims as follows:

1. **(Currently Amended)** A heat exchanger tank for a cooling system comprising;

a single sheet of material having a cladding on at least one surface thereof and extending through a rectangular cross-section defining a tube wall having tube holes therein and a parallel joint wall spaced from said tube wall with spaced parallel sidewalls interconnecting said joint and tube walls to define a chamber and opposed open ends for permitting fluid flow through said tank,

said tank characterized by said joint wall including a tab integrally formed therewith and extending from said joint wall into said chamber and a first of said sidewalls disposed in sealing engagement with the outside of said tab to thereby enclose said tab within said ~~[[chamber.]]~~ chamber,

said first sidewall extending above said joint wall and said tab to define a mounting flange for mounting said tank on the cooling system, and

said flange being of a double thickness of said sheet to define a primary wall and a reinforcing wall.

2. **(Cancelled)**

3. **(Currently Amended)** A tank as recited in ~~[[claim 2]]~~ claim 1 wherein said flange includes a plurality of holes for receiving fasteners therethrough for mounting said tank on the cooling system.

4. **(Currently Amended)** A tank as recited in [[claim 2]] claim 1 wherein said flange includes a peripheral edge with spaced slots extending therefrom toward said tab for ~~connecting~~ mounting said tank to the cooling system.

5. **(Currently Amended)** A tank as recited in [[claim 2]] claim 1 wherein said flange includes a peripheral edge with recessed areas extending therefrom said peripheral edge toward each of said ends of the tank for positioning said flange in closely-conforming relation to the cooling system.

6. **(Currently Amended)** A tank as recited in [[claim 2]] claim 1 wherein said first sidewall includes an interior joint surface within said chamber and said tab includes an exterior surface with said cladding thereon sealing said exterior surface into engagement with said joint surface to define an internal braze joint within said chamber.

7. **(Cancelled)**

8. **(Currently Amended)** A tank as recited in [[claim 7]] claim 1 including a U-shaped fold integrally joining said primary and reinforcing walls and extending parallel to the longitudinal axis of said tank.

9. **(Currently Amended)** A tank as recited in [[claim 7]] claim 1 wherein said reinforcing wall overlaps said primary wall on the interior thereof and extends transversely over said joint wall on the exterior thereof.

10. **(Original)** A tank as recited in claim 9 wherein said cladding seals said reinforcing wall into engagement with said primary wall and said joint wall to define an exterior braze joint.

11. **(Original)** A tank as recited in claim 1 and including end caps sealingly engaged with said open ends of said tank.

12. **(Original)** A tank as recited in claim 1 and including elongated tubes received through said tube holes, each of said tubes defining a passage extending therethrough.

13. **(Currently Amended)** A method of fabricating a heat exchanger tank comprising the steps of;

forming a single sheet of material having a cladding on at least one surface thereof to define a tank extending through a rectangular cross-section with a tube wall, a parallel joint wall spaced from the tube wall, spaced parallel sidewalls interconnecting the joint and tube walls to define a chamber having opposed open ends,

forming an integral tab extending from the joint wall into the chamber,

disposing a first of the sidewalls into engagement with the exterior of the tab to enclose the tab within the chamber, and

brazing the first sidewall to the [[tab.]] tab,

extending the first sidewall upwardly above the joint wall and the tab to project outwardly from the joint wall to define a flange, and

doubling the sheet defining the flange to further define a primary wall and a reinforcing wall.

14. **(Cancelled)**

15. **(Currently Amended)** A method as set forth in [[claim 14]] claim 13 further defined as extending holes through the flange for receiving fasteners therethrough to mount the tank on the cooling system.

16. **(Currently Amended)** A method as set forth in [[claim 14]] claim 13 further defined as forming spaced slots on the flange extending from a peripheral edge thereof toward the tab for [[connecting]] mounting the tank to the cooling system.

17. **(Currently Amended)** A method as set forth in [[claim 14]] claim 13 further defined as forming a recessed area on each end of the flange extending from a peripheral edge thereof toward an adjacent end of the tank.

18. **(Cancelled)**

19. **(Currently Amended)** A method as set forth in [[claim 18]] claim 13 further defined as forming a U-shaped fold integrally joining the primary and reinforcing walls.

20. **(Original)** A method as set forth in claim 19 further defined as overlapping the primary and joint walls with the reinforcing wall.

Appln. No.: 10/715,098

Group Art Unit: 3753

21. **(Original)** A method as set forth in claim 20 further defined as brazing the reinforcing wall to the primary wall and the joint wall.

22. **(Currently Amended)** A method as set forth in [[claim 16]] claim 13 further defined as sealing an end cap into engagement with each of the open ends of the tank.